

Title (en)

MONOFILAMENT STRING FOR A RACKET AND PROCESS FOR MANUFACTURING SUCH A MONOFILAMENT STRING

Title (de)

MONOFILAMENTSAITEN FÜR EINEN SCHLÄGER UND VERFAHREN ZUR HERSTELLUNG SOLCHER MONOFILAMENTSAITEN

Title (fr)

CORDE MONOFILAMENT POUR RAQUETTE ET PROCÉDÉ DE FABRICATION D'UNE TELLE CORDE MONOFILAMENT

Publication

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Application

**EP 17305764 A 20170621**

Priority

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Abstract (en)

[origin: EP3418433A1] The present invention relates to a monofilament string for a racket, comprising a core consisting of a single filament and a sheath extending around the core and in contact with the core, the monofilament string being characterized in that: - the core (2) is made of a first material comprising polyamide 6 and a first copolymer of polyamide 6 and polyamide 6.6, - the sheath (3) is made of a second material comprising a second copolymer of polyamide 6 and polyamide 6.6, the first material having a greater tensile modulus than the second material. The present invention also related to a process for manufacturing such a filament string, by co-extrusion of the core and the sheath and stretching of the co-extruded string.

IPC 8 full level

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